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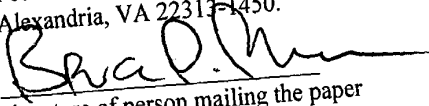
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PATENT TRADEMARK OFFICE

September 30, 2003



MS Patent Application
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Bruce D. Rubenstein	

Sir:

TRANSMITTAL FOR PATENT APPLICATION

Transmitted herewith for filing is a new patent application entitled:

"EFFICIENT SWITCHING ARCHITECTURE WITH REDUCED STUB LENGTHS"

by inventor(s):

XU, Fang, 17 Orris Street, Newton, MA, 02466

Enclosed are:

- | | |
|----|--------------------------|
| 11 | page(s) of specification |
| 4 | page(s) of claims |
| 1 | page(s) of abstract |
| 3 | sheet(s) of drawing(s) |
| 1 | page(s) of declaration |

FEE CALCULATION

Basic Filing Fee 750

	<u>Claims Filed</u>	<u>Excess Claims</u>	<u>Charge Per Claim</u>	<u>Totals</u>
Total:	<input type="text" value="20"/>	0	18	0
Independent:	<input type="text" value="3"/>	0	84	0
<i>Total Fee:</i>				<input type="text" value="\$ 750"/>

Please charge the Total Fee to Teradyne, Inc.'s Deposit Account No. **20-0515**.
The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17
which may be required, or credit any overpayment to Deposit Account No. 20-0515. One
additional copy of this sheet is enclosed.

Please date stamp and return the enclosed self-addressed, stamped post card to
evidence receipt of this application.

Respectfully Submitted,



Bruce D. Rubenstein
Attorney for Applicant
Reg. No. 39,349

Atty. Docket No. : 1765-US
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